

Title (en)

METHOD OF MEASUREMENT OF AN INTERACTION, WHICH IS CAUSED BY A SAMPLE

Title (de)

VERFAHREN ZUR MESSUNG DER KRAFTWECHSELWIRKUNG, WELCHE DURCH EINE PROBE HERVORGERUFEN WIRD

Title (fr)

MÉTHODE DE MESURE D'UNE INTERACTION, QUI EST CAUSÉE PAR UN'ÉCHANTILLON

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Application

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Abstract (en)

[origin: WO2011026464A1] The invention relates to a method for measuring the force interaction that is caused by a sample, wherein a bias voltage compared to the sample is applied to a tip and the tip is guided at a such a small distance to the sample that a measurable current flows between the tip and the sample and a sensor and signal converter S is formed and used in the area of the force interaction, which area changes the current flowing through the tip-sample contact according to the intensity of the force interaction. A scanning tunneling microscope therefor is disclosed.

IPC 8 full level

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